

@ the Bradbury

Special Events & News

Save the Date!

JULY
4

Independence Day

JULY
11

Scientists in the Spotlight
5:00 PM to 7:00 PM

Visit with scientists at the museum while learning about computers and astrophysics.

JULY
16-18

Los Alamos ScienceFest
3-day festival celebrating math and science in Los Alamos
www.losalamossiencefestival.com

7/16 Science On Tap
7/17 Open House & App Class
7/18 Drone Zone and Science & Suds

JULY
16

Science On Tap:
Nathaniel Morgan
5:30 PM to 7:00 PM

@ UnQuarked Wine Room
145 Central Park Square
Los Alamos, New Mexico

JULY
24

Fourth Friday Downtown:
Under the Microscope

Open late until 6:00 PM
Explore the natural world through the eyes of microscopes. Examine pond water, plants, fibers, pollen, and more.

Within Sight: Manhattan Project National Historical Park

Visitors to Los Alamos will begin experiencing the new Manhattan Project National Historical Park in its Los Alamos location even before it officially opens on January 1, 2016. The Department of Energy and the National Park Service are working together to create the park that will invite visitors to the historic sites of the Manhattan Project. Many of these sites are located within Los Alamos National Laboratory, and access to them and their interpretation will take some time. However, at the Bradbury, visitors can now sample recreations of those “behind the fence” Lab properties through virtual reality and a new exhibit detailing those sites. Visitors can also see the downtown Los Alamos sites by taking the updated Los Alamos Historical Museum’s Walking Tour and enjoying the museum’s traditional offerings on Los Alamos History. To learn more about the Bradbury’s newest exhibit, visit our website at www.lanl.gov/museum.



BRADBURY SCIENCE museum

1350 Central Avenue
Los Alamos, NM 87544

(505) 667-4444
www.lanl.gov/museum

Featured this Month: Nicole Lloyd-Ronning and Teri Roberts



On Saturday, July 11 from 11:00 AM to 1:00 PM, Teri Roberts, a software quality engineering and development specialist, and Nicole Lloyd-Ronning, an astrophysicist, both at Los Alamos National Laboratory will talk to people about computers, astrophysics, and the electromagnetic spectrum.

Join us every second Saturday of the month for *Scientist in the Spotlight*, a program featuring scientists that have been certified for public outreach through the museum's Scientist Ambassador Academy. These scientists talk with museum visitors for a couple of hours about their favorite science, technology, engineering, or math (STEM) subject. Conversations are intended for all ages and include interactive hands-on activities that make learning easy and fun. To learn more about the Scientist Ambassador Academy, visit:

<http://www.lanl.gov/museum/participate/scientist-ambassadors.php>



SCIENCE ON TAP

JULY 16 5:30 – 7:00pm

15 minute talk and group discussion hosted by
Bradbury Science Museum

creative
LOS ALAMOS

From Trinity Test to Artificial Joints: How Computational Mathematics Has Transformed Our World (1945-2015)

Both computational physics and mathematics played a major roll in the development of the Trinity nuclear device. Not only do these specialties have deep roots in our history, but also they continue to transform our world today. Designing modern buildings, airplanes, car engines, artificial human joints, and biological implants, using MRI scanning software, radiation therapy and even creating cartoons is all done using computational mathematics. Join us at this month's *Science on Tap* as **Nathaniel Morgan**, a Los Alamos National Laboratory researcher talks about the many ways the world has changed all because of computational mathematics.



Los Alamos National Laboratory will celebrate the 70th anniversary of the Trinity Test on July 16, 2015.

This installment of *Science on Tap* will be on **Thursday, July 16, at 5:30 PM** at UnQuarked Wine Room in downtown Los Alamos, NM. *Science on Tap* happens every third Thursday of the month.



Join us during Los Alamos ScienceFest!—a 3-day festival of interactive demonstrations, hands-on activities and dynamic speakers meant to engage kids, families, and individuals interested in life-long learning of science, technology, engineering and math. During the week, community businesses and organizations will be presenting events throughout the county culminating in Festival Day at Ashley Pond on Saturday, July 18. The Bradbury Science Museum is participating by hosting a number of events, most of them featuring Lab scientists, engineers and technical staff. To find out more, visit the Los Alamos ScienceFest webpage at <http://www.losalamossiencefestival.com>.

THURSDAY, JULY 16

5:30 PM – 7 PM **SCIENCE ON TAP:** Featuring Nathaniel Morgan on “From Trinity to Artificial Joints: How Computational Mathematics Has Changed Our World” at UnQuarked Wine Room.

FRIDAY, JULY 17

11 AM – 2 PM **SPECIAL WORKSHOP:** Building Location-Aware Apps on the iPhone (*REGISTRATION REQUIRED*) Sign up for a FREE workshop (includes pizza!) where you will learn how to program and run your own iPhone app that uses GPS technology.

Noon – 1 PM **CLIMATE PRISMS OPEN HOUSE:** Tour this new interactive exhibit at the museum and meet its creators while enjoying refreshments and conversation.

SATURDAY, JULY 18

11 AM – 3 PM **DRONE ZONE:** Join us at Ashley Pond by bringing your own drone or flying one of ours. There will be two obstacle courses—one for beginners and one for masters—where you can compete for awesome prizes!

Noon – 4 PM **SCIENCE & SUDS:** Visit with a scientist at our tent in the beer garden at Ashley Pond. Speakers include Nina Lanza talking about updates from Mars and Bryce Tappan on new developments in rocket propellant.

To subscribe to our monthly newsletter, visit the museum’s website at:
<http://www.lanl.gov/museum/events/events-mailing.php>

**Subscribe
to our
Newsletter**

Mark Your Calendars!

July 2015

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
			1	2	3	4 Independence Day
5	6	7	8	9	10 B	11 Scientists in the Spotlight 11 AM to 1 PM A
12	13	14	15	16 Los Alamos ScienceFest .. Science on Tap @ UnQuarked Wine Room 5:30 to 7:00 PM	17 Los Alamos ScienceFest .. Climate Prisms Open House Noon to 1PM .. iPhone App Class 11 AM to 2 PM B	18 Los Alamos ScienceFest .. Drone Zone 11 AM to 3 PM .. Science & Suds Noon to 4 PM
19	20	21	22	23	24 Fourth Fridays Under the Microscope Open Until 6PM A	25
26	27	28	29	30	31 B	

About the Museum

Bradbury Science Museum is located at 1350 Central Avenue in downtown Los Alamos, New Mexico. Approximately 40 interactive exhibits trace the history of the WWII Manhattan Project, highlight Los Alamos National Laboratory's current and historic research projects related to defense and technology, and focus on Laboratory research related to energy, environment, infrastructure, health and global security concerns.



MUSEUM HOURS:

Sunday & Monday: 1:00 PM to 5:00 PM, Tuesday – Saturday: 10:00 AM to 5:00 PM